

Abstract

5 Photovoltaic module and method for production thereof

The photovoltaic module comprises a front plate (2) and a rear plate (3). An organic seal (4) is arranged between the plates and delineates a tight internal volume (5), kept at a pressure lower than atmospheric pressure, wherein the photovoltaic cells (1) are arranged. The seal (4) is an organic seal, for example of thermoplastic nature, for example of the polybutylene family. The production method comprises formation of a negative pressure by suction. The method can comprise sweeping by neutral gases, establishment of the negative pressure and sealing by compression (P1). The method can also comprise partial sealing of the module so as to leave two openings in the seal (4), sweeping of the internal volume by neutral gases by means of the two openings, establishment of the negative pressure and closing of the openings.

(Figure 2)